UNITED STATES PATENT AND TRADEMARK OFFICE
# CERTIFICATE OF CORRECTION

PATENT NO.  : 7,711,938 B2
APPLICATION NO. : 09/770157
DATED   : May 4, 2010
INVENTOR(S)  : Wise et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the title page, Line 9, (Item 76) under Inventors, please delete "Arnhem-Zuid, **GB**" and insert therefore, --Arnhem-Zuid, **NL**--.

In the drawings on Sheet 14 of 124, Line 1, (Fig. 8[B]), please delete "LOI" and insert therefore, --LO1--.

In the drawings on Sheet 34 of 124, Line 3, (Fig. 29), please delete "demultiplexor" and insert therefore, --demultiplex**er**--.

In the drawings on Sheet 85 of 124, Line 4, (Fig. 123), please delete "[16:0" and insert therefore, --[16:0]--.

In Column 8, Line 12, please delete "q**un**atization" and insert therefore, --q**uan**tization--.

In Column 15, Line 8, please delete "8b." and insert therefore, --8b;--.

In Column 16, Line 2, please delete "DRAMS" and insert therefore, --DRAM**s**--.

In Column 16, Line 45, please delete "tokenised" and insert therefore, --tokeni**z**ed--.

In Column 17, Line 32, please delete "**N**uffman" and insert therefore, --**H**uffman--.

In Column 17, Line 48, please delete "1-**0**" and insert therefore, --1-**D**--.

In Column 20, Line 52, please delete "5" and insert therefore, --5.--.

In Column 20, Line 56, please delete "the**n**." and insert therefore, --the**m**.--.

In Column 22, Line 52, please delete "**I**llustrated" and insert therefore, --**i**llustrated--.

In Column 24, Line 55, please delete "Low)" and insert therefore, --**LOW**)--.

In Column 25, Line 16, please delete "Low)." and insert therefore, --**LOW**).--.

In Column 26, Line 11, please delete "D," and insert therefore, --D--.

In Column 27, Line 31, before "is" please delete "**10**".

In Column 27, Line 62, please delete "forementioned" and insert therefore, --**a**forementioned--.

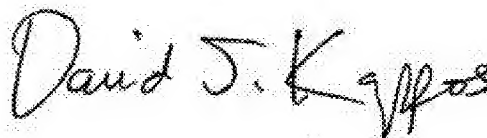In Column 28, Line 17, please delete "Rather" and insert therefore, --Rather,--.

In Column 28, Line 27, change "**is**" to --**it**--.

In Column 28, Line 28 (Approx.), please delete "it" and insert therefore, --**if**--.

In Column 28, Line 50, please delete "with the" and insert therefore, --with th**is**--.

In Column 28, Line 65, please delete "(one **of**" and insert therefore, --(one **for**--.

Signed and Sealed this
Fourteenth Day of August, 2012

David J. Kappos
*Director of the United States Patent and Trademark Office*

In Column 29, Line 8, please delete "**and**" and insert therefore, --**or**--.

In Column 29, Line 16, please delete "logical" and insert therefore, --logic--.

In Column 29, Line 19, after "output" please add --**data**--.

In Column 29, Line 59, please delete "out" and insert therefore, --out**put**--.

In Column 29, Line 66, please delete "**representative**" and insert therefore, --**respective**--.

In Column 30, Line 11, after ""1"" please add --.--.

In Column 30, Line 21, please delete ""1," and insert therefore, --"1,"--.

In Column 30, Line 43, please delete "PH**O**" and insert therefore, --PH**0**--.

In Column 30, Line 45, please delete "PH**O**" and insert therefore, --PH**0**--.

In Column 30, Line 54, please delete "PH**O**" and insert therefore, --PH**0**--.

In Column 30, Line 62, please delete "PH**O**" and insert therefore, --PH**0**--.

In Column 30, Line 65, please delete "PH**O and**" and insert therefore, --PH**0 or**--.

In Column 31, Line 17, please delete "researched" and insert therefore, --reached--.

In Column 32, Line 24, please delete "rest" and insert therefore, --reset--.

In Column 32, Line 35, please delete ""**I**"." and insert therefore, --"**1**".--.

In Column 32, Line 52, please delete "rest" and insert therefore, --reset--.

In Column 35, Line 34, please delete "word)" and insert therefore, --word),--.

In Column 38, Line 9, please delete "crock" and insert therefore, --clock--.

In Column 38, Line 9, please delete "PH**O**," and insert therefore, --PH**0**,--.

In Column 38, Line 12, please delete "PH**O**" and insert therefore, --PH**0**--.

In Column 39, Line 42, please delete "advantage," and insert therefore, --advantage.--.

In Column 40, Line 13, please delete "**L**ow" and insert therefore, --**LOW**--.

In Column 41, Line 14, please delete "dill" and insert therefore, --**will**--.

In Column 43, Line 10, please delete "NND18" and insert therefore, --NAND18--.

In Column 43, Line 19, please delete "NOT_RESET**O**," and insert therefore,
--NOT_RESET,--.

In Column 47, Line 66, please delete "265" and insert therefore, --**285**--.

In Column 49, Line 5, please delete "M" and insert therefore, --**RAM**--.

In Column 49, Line 25, please delete "Sole" and insert therefore, --**Hole**--.

In Column 53, Line 37, please delete "node" and insert therefore, --**mode**--.

In Column 54, Line 54, please delete "demultiplex**or**" and insert therefore, --demultiplex**er**--.

In Column 57, Line 34, please delete "or" and insert therefore, --or **I**--.

In Column 59, Line 67, please delete "she" and insert therefore, --**the**--.

In Column 61, Line 6, after "compression" please delete "**1A**".

In Column 61, Line 32-33, please delete "**Circuits**," and insert therefore, --**circuits**,--.

In Column 61, Line 58, please delete "**taken**" and insert therefore, --**token**--.

In Column 63, Line 31, please delete "stream" and insert therefore, --stream.--.

In Column 64, Line 10, please delete "DR" and insert therefore, --DR**AM**--.

In Column 64, Line 24, please delete "**taken**" and insert therefore, --**token**--.

In Column 64, Line 40 (Approx.), please delete "demultiplex**or**." and insert therefore,
--demultiplex**er**.--.

In Column 66, Line 4, after "signals," please delete "**is**".

In Column 68, Line 30, please delete "**a**" and insert therefore, --**8**--.

In Column 68, Line 49, please delete "raze" and insert therefore, --**rate**--.

In Column 68, Line 52 (Approx.), after "order" please insert therefore, --**to**--.

In Column 68, Line 53 (Approx.), please delete "world" and insert therefore, --world,--.

In Column 69, Line 46, please delete "Decoder)" and insert therefore, --Decoder).--.

In Column 69, Line 52, please delete "earn" and insert therefore, --each--.

In Column 71, Line 48, please delete "ore" and insert therefore, --more--.

In Column 73, Line 23, please delete "order writing" and insert therefore, --order. Writing--.

In Column 76, Line 36, please delete "demultiplexor" and insert therefore, --demultiplexer--.

In Column 76, Line 38, please delete "demultiplexor," and insert therefore, --demultiplexer,--.

In Column 76, Line 41, please delete "demultiplexor" and insert therefore, --demultiplexer--.

In Column 76, Line 43, please delete "demultiplexor" and insert therefore, --demultiplexer--.

In Column 76, Line 45, please delete "demultiplexor" and insert therefore, --demultiplexer--.

In Column 76, Line 61, please delete "demultiplexor," and insert therefore, --demultiplexer,--.

In Column 77, Line 3, please delete "processing" and insert therefore, --processing.--.

In Column 77, Line 7, please delete "Demultiplexor" and insert therefore, --Demultiplexer--.

In Column 77, Line 9-10, please delete "Demultiplexor" and insert therefore, --Demultiplexer--.

In Column 77, Line 15, please delete "Demultiplexor," and insert therefore, --Demultiplexer,--.

In Column 77, Line 17, please delete "Demultiplexor" and insert therefore, --Demultiplexer--.

In Column 77, Line 30, please delete "Demultiplexor" and insert therefore, --Demultiplexer--.

In Column 77, Line 44, please delete "Demultiplexor." and insert therefore, --Demultiplexer.--.

In Column 81, Line 1, please delete "**in** shifter" and insert therefore, --**in**shifter--.

In Column 81, Line 8, please delete "**In** shifter" and insert therefore, --**in**shifter--.

In Column 82, Line 14, please delete "**Which,**" and insert therefore, --which,--.

In Column 84, Line 52, please delete "A.3." and insert therefore, --A.3.**2**--.

In Column 84, Line 63, please delete "a" and insert therefore, --**8**--.

In Column 85, Line 2, please delete "sore" and insert therefore, --some--.

In Column 87-88, Line 9, Table A.3.2, please delete "flag**s**" and insert therefore, --flag--.

In Column 89-90, Line 24, Table A.3.2, please delete "Tokens"," and insert therefore, --Tokens"--.

In Column 89-90, Line 56, Table A.3.2, please delete "Informs" and insert therefore, --informs--.

In Column 89-90, Line 69, Table A.3.2, please delete "informs" and insert therefore, --Informs--.

In Column 91-92, Line 55, Table A.3.2, please delete "s-5" and insert therefore, --s-**a** 5--.

In Column 91-92, Line 71, Table A.3.2, please delete "resychronisation" and insert therefore, --resynchronisation--.

In Column 93, Line 65, please delete "M(PEG" and insert therefore, --MPEG--.

In Column 95, Line 57 (Approx.), please delete "Taken" and insert therefore, --Token--.

In Column 96, Line 60 (Approx.), please delete "Spartial" and insert therefore, --Spatial--.

In Column 97, Line 9, please delete "input" and insert therefore, --Input--.

In Column 97, Line 28, please delete "'**O**'" and insert therefore, --'**0**'--.

In Column 98, Line 27 (Approx.), after "types" please insert --.--.

In Column 98, Line 56, after "(A.13.1.1)" please insert --.--.

In Column 101, Line 17, please delete "transfer-cycles." and insert therefore,
--transfer cycles.--.

In Column 103, Line 13, please delete "[2**0**:17]" and insert therefore, --[21:17]--.

In Column 103, Line 55 (Approx.), please delete " $\overline{RA}$ " and insert therefore, -- $\overline{RAS}$ --.

In Column 104, Line 3, please delete "A.13" and insert therefore, --A.**5**.13--.

In Column 105, Line 9, please delete "$V_{OL}$" and insert therefore, --$V_{OL}$--.

In Column 107, Line 34, please delete "$V_{OL\propto}$" and insert therefore, --$V_{OL\infty}$--.

In Column 107, Line 38 (Approx.), please delete "$I_{O\propto}$" and insert therefore, --$I_{O\infty}$--.

In Column 107, Line 57, please delete "set-up" and insert therefore, --set up--.

In Column 108, Line 18, please delete "resister" and insert therefore, --register--.

In Column 109, Line 45, please delete "two-registers" and insert therefore, --two registers--.

In Column 110, Line 24, please delete "MH$_Z$." and insert therefore, --MHz.--.

In Column 110, Line 54, before "Temporal" please insert --The--.

In Column 111, Line 28, after "$V_{DD}$=5.0±0.25V" please insert --.--.

In Column 112, Line 64 (Approx.), please delete "INTET," and insert therefore, --INTEST,--.

In Column 113, Line 56, please delete "Port" and insert therefore, --Port.--.

In Column 114, Line 30 (Approx.), please delete "1" and insert therefore, --**I**--.

In Column 114, Line 31 (Approx.), please delete "1" and insert therefore, --**I**--.

In Column 114, Line 34 (Approx.), please delete "I" and insert therefore, --**O**--.

In Column 114, Line 55, please delete "opertion." and insert therefore, --operation.--.

In Column 115-116, Line 29, Table A.9.3, please delete "code**d**_clock" and insert therefore,
--code_clock--.

In Column 115-116, Line 64, Table A.9.3, please delete "code**d**_clock" and insert therefore,
--code_clock--.

In Column 126, Line 14 (Approx.), please delete "A.4" and insert therefore, --A.4.**1**--.

In Column 126, Line 23, please delete "node" and insert therefore, --**mode**--.

In Column 128, Line 44, after "is" please delete "a".

In Column 129-130, Line 19, please delete "0xFF **0xFF**" and insert therefore, --0xFF--.

In Column 129-130, Line 56, please delete "H261" and insert therefore, --H.261--.

In Column 131-132, Line 13, after "data" insert therefore, --that--.

In Column 131-132, Line 23, after "1" please delete "0".

In Column 132, Line 66-67, please delete "Configured" and insert therefore, --**configured**--.

In Column 133, Line 19, please delete "Currently" and insert therefore, --**currently**--.

In Column 136, Line 46-47, please delete "oriented" and insert therefore, --oriented)--.

In Column 136, Line 64, please delete "nonaligned" and insert therefore, --non-aligned--.

In Column 137, Line 44, please delete "A.11.7.3Introducing" and insert therefore,
--A.11.7.3 Introducing--.

In Column 138, Line 30, please delete "zero" and insert therefore, --**non-zero**--.

In Column 138, Line 32, after "will" please insert --be--.

In Column 138, Line 34, please delete "search" and insert therefore, --search,--.

In Column 139, Line 7, please delete "**With**" and insert therefore, --**with**--.

In Column 139-140, Line 17, please delete "true:" and insert therefore, --true--.

In Column 139-140, Line 31, please delete "interr**put**" and insert therefore, --interrupt--.

In Column 139-140, Line 33, please delete "**0**" and insert therefore, --**x**--.

In Column 139-140, Line 34, after "circuit" please insert --board--.

In Column 141-142, Line 13, Table A.12.1, please delete "passed" and insert therefore, --passes--.

In Column 143, Line 24, before "set" please delete "30".

In Column 143, Line 64, please delete "invention" and insert therefore, --invention,--.

In Column 143, Line 65, after "required" please insert --to--.

In Column 145-146, Line 11, Table A.13.1, please delete "A.5.4.3" and insert therefore, --A.6.4.3--.

In Column 145-146, Line 14, Table A.13.1, after "of" please delete "time of".

In Column 145-146, Line 15, Table A.13.1, after "calculated" please delete "timed".

In Column 145-146, Line 18, Table A.13.1, after "the" please insert --coded--.

In Column 145-146, Line 24, Table A.13.1, please delete "curently" and insert therefore, --currently--.

In Column 147-148, Line 7, Table A.14.1, please delete "[6 4]" and insert therefore, --[6:4]--.

In Column 147-148, Line 20, Table A.14.1, please delete "A.18.3.5." and insert therefore, --A.18.3.5,--.

In Column 147-148, Line 21, Table A.14.1, please delete "1" and insert therefore, --I--.

In Column 147-148, Line 48, Table A.14.1, please delete "desscription" and insert therefore, --description--.

In Column 149-150, Line 25, Table A.14.3, please delete "frequenty" and insert therefore, --frequency--.

In Column 153-154, Line 10, Table A.14.4, please delete "MPEF" and insert therefore, --MPEG--.

In Column 155-156, Line 4, Table A.14.5, please delete "Sampling stucture" and insert therefore, --sampling structure--.

In Column 159, Line 21, please delete "Within" and insert therefore, --within--.

In Column 162, Line 20 (Approx.), please delete " $Nf \leqq 4$ " and insert therefore,

-- $N_f \leqq 4$ --.

In Column 162, Line 27, please delete "§A.16.1." and insert therefore, --Section A.16.1.--.

In Column 162, Line 34, please delete "scan." and insert therefore, --scan--.

In Column 162, Line 46 (Approx.), please delete "(e.g., 4:2:2." and insert therefore, --(e.g., 4:2:2).--.

In Column 163-164, Line 4, Table A.14.12, please delete "occured," and insert therefore, --occurred,--.

In Column 163-164, Line 7, Table A.14.12, please delete "preceed" and insert therefore, --precede--.

In Column 163-164, Line 14, Table A.14.12, please delete "preceed" and insert therefore, --precede--.

In Column 165-166, Line 13, Table A.14.12, please delete "Durig" and insert therefore, --During--.

In Column 167, Line 18 (Approx.), please delete "MAKER" and insert therefore, --MARKER--.

In Column 167, Line 33 (Approx.), please delete "MAKER" and insert therefore,

--MARKER--.

       In Column 169, Line 59, please delete "1O" and insert therefore, --IO--.

       In Column 169, Line 65, please delete "1O" and insert therefore, --IO--.

       In Column 170, Line 8, please delete "1O" and insert therefore, --IO--.

       In Column 170, Line 36 (Approx.), please delete "this" and insert therefore, --that--.

       In Column 171, Line 32 (Approx.), please delete "15" and insert therefore, --16--.

       In Column 172, Line 19, please delete "if" and insert therefore, --tt--.

       In Column 171-172, Line 7, Table A.15.4, please delete "Token" and insert therefore,
--token--.

       In Column 173, Line 25, after "halt." please delete "This.".

       In Column 175, Line 16 (Approx.), please delete "125," and insert therefore, --126,--.

       In Column 175, Line 17 (Approx.), please delete "interface" and insert therefore,
--Interface--.

       In Column 177, Line 34, please delete "A.37.1.2" and insert therefore, --A.17.1.2--.

       In Column 177, Line 61 (Approx.), please delete "A 17 6" and insert therefore, --A.17.6--.

       In Column 177, Line 63 (Approx.), please delete "A 17 7" and insert therefore, --A.17.7--.

       In Column 177, Line 65 (Approx.), please delete "A 17 8" and insert therefore, --A.17.8--.

       In Column 178, Line 36, please delete "A 17 9" and insert therefore, --A.17.9--.

       In Column 178, Line 38, please delete "A 17 8" and insert therefore, --A.17.8--.

       In Column 178, Line 40, please delete "A 17 11" and insert therefore, --A.17.11--.

       In Column 178, Line 64 (Approx.), please delete "71" and insert therefore, --7:1--.

       In Column 180, Line 44, please delete "bacx_h" and insert therefore, --back_h--.

       In Column 182, Line 14, please delete "reordering" and insert therefore, --recording--.

       In Column 189, Line 63, please delete "re_ordering" and insert therefore, --re-ordering--.

       In Column 191, Line 28, please delete "bus" and insert therefore, --bus.--.

       In Column 191, Line 47, please delete "zero" and insert therefore, --zero.--.

       In Column 191, Line 50, please delete "registers" and insert therefore, --registers.--.

       In Column 191, Line 55, please delete "ticks" and insert therefore, --ticks.--.

       In Column 192, Line 20, please delete "falls" and insert therefore, --falls.--.

       In Column 192, Line 41, please delete "configured" and insert therefore, --configured.--.

       In Column 194, Line 29 (Approx.), please delete "$[31{:}16]^{b1}$." and insert therefore,
--$[31{:}16]^{b}$.--.

       In Column 195, Line 42, please delete "DRM" and insert therefore, --DRAM--.

       In Column 195, Line 52, please delete "Decoder)," and insert therefore, --Decoder)--.

       In Column 198, Line 18, please delete "thier" and insert therefore, --their--.

       In Column 202, Line 31, please delete "search" and insert therefore, --Search--.

       In Column 209, Line 16, please delete "called," and insert therefore, --called--.

       In Column 212, Line 59-67, delete "The Huffman Decoder will not accept this command for
two whole cycles after it has interrupted the Parser State Machine. This allows the Parser State
Machine to remove the command that was there (which should not now be executed) and replace it
with an appropriate one. After these two cycles, the Huffman Decoder will resume normal operation
and accept a command if a valid command is there. If not, then it will do nothing until the Parser State
Machine presents a valid command." and insert the same on Col. 212, Line 58, as a continuation of the
same Paragraph.

       In Column 213, Line 62, please delete "Index" and insert therefore, --index--.

In Column 214, Line 59, please delete "modification" and insert therefore,
--appropriate **Ring** modification--.

In Column 222, Line 27, please delete "ring" and insert therefore, --**Ring**--.

In Column 222, Line 43, please delete "first_bit" and insert therefore, --first bit--.

In Column 223, Line 10, please delete "B2.2.1.2)." and insert therefore, --B.2.2.1.2).--.

In Column 223, Line 28, please delete "i-585" and insert therefore, --i_585--.

In Column 223, Line 30, please delete "i-1254" and insert therefore, --i_1254--.

In Column 224, Line 3, after "alueob)" please insert --.--.

In Column 228, Line 13, please delete "decoder **s**" and insert therefore, --decoder**s**--.

In Column 230, Line 57 (Approx.), please delete "r_fwd_r size" and insert therefore,
--r_fwd_r_size--.

In Column 231, Line 62 (Approx.), please delete "T-TOK" and insert therefore, --T_TOK--.

In Column 231, Line 65, please delete "T-GENT8" and insert therefore, --T_ GENT8--.

In Column 232, Line 14, please delete "**Jump**" and insert therefore, --**jump**--.

In Column 232, Line 28 (Approx.), below "TABLE B.2.11" please insert --Mnemonics used
for the conditions--.

In Column 233, Line 16, please delete "**codes**" and insert therefore, --**Codes**--.

In Column 233, Line 25, please delete "it" and insert therefore, --it**s**--.

In Column 236, Line 23, please delete "dalay" and insert therefore, --delay--.

In Column 239, Line 64, please delete "NUKERCB" and insert therefore, --NUMBERCB--.

In Column 240, Line 29, please delete "Barecalc," and insert therefore, --Bmrecalc,--.

In Column 242, Line 33, please delete "CED_BUF_ACCESS_," and insert therefore,
--CED_BUF_ACCESS--.

In Column 247, Line 28 (Approx.), please delete "0×4**a**" and insert therefore, --0×4**c**--.

In Column 249, Line 8, please delete "respectively]" and insert therefore, --respectively--.

In Column 250, Line 15 (Approx.), please delete "ME" and insert therefore, --MET--.

In Column 250, Line 63, please delete "DRAIN" and insert therefore, --DRAM--.

In Column 251, Line 39 (Approx.), please delete "Interface,"." and insert therefore,
--Interface".--.

In Column 254, Line 19 (Approx.), please delete "$C_i$=min(max($C_i$–2048)2047)" and insert
therefore, -- $C_i = \min(\max(C'_i, -2048) \cdot 2047)$ --.

In Column 254, Line 54 (Approx.), please delete "$C_i = \min(\max(C'_i, -2048) \cdot 2047)$" and insert
therefore, -- $C_i = \min(\max(C'_i, -2048) \cdot 2047)$ --.

In Column 254, Line 64 (Approx.), please delete "$C_i = \min(\max(C'_i, -2048) \cdot 2047)$" and insert
therefore, -- $C_i = \min(\max(C'_i, -2048) \cdot 2047)$ --.

In Column 256, Line 13, please delete "igran." and insert therefore, --igra**m**.--.

In Column 256, Line 21, please delete "igrm" and insert therefore, --igra**m**--.

In Column 256, Line 31, please delete "(" and insert therefore, --{--.

In Column 258, Line 6, please delete "8 (Y)" and insert therefore, --8(Y)--.

In Column 259, Line 7 (Approx.), please delete "iq-prediction_mode[1:0]." and insert
therefore, --iq_prediction_mode[1:0].--.

In Column 260, Line 18, please delete "[5.4]" and insert therefore, --[5:4]--.

In Column 260, Line 19, please delete "[7.6]" and insert therefore, --[7:6]--.

In Column 262, Line 51, please delete "following." and insert therefore, --following:--.

In Column 262, Line 58, please delete "sillicon" and insert therefore, --silicon--.

In Column 265, Line 65, please delete "pipelining." and insert therefore, --pipelining--.

In Column 265, Line 67, after "efficient" please insert --.--.

In Column 266, Line 23, after "transform)" please insert --.--.

In Column 268, Line 61, please delete "RAMS" and insert therefore, --RAMs--.

In Column 270, Line 48, please delete "follows." and insert therefore, --follows:--.

In Column 274, Line 3, please delete "scanable" and insert therefore, --scannable--.

In Column 274, Line 13 (Approx.), please delete "RAMS," and insert therefore, --RAMs,--.

In Column 274, Line 55, please delete "RAMS," and insert therefore, --RAMs,--.

In Column 276, Line 23, please delete "straightforward;" and insert therefore,
--straightforward,--.

In Column 276, Line 51, please delete ""idetregs"" and insert therefore, --"idctregs"--.

In Column 277, Line 24, please delete "IEE" and insert therefore, --IEEE--.

In Column 278, Line 44 (Approx.), please delete "Intreface" and insert
therefore, --Interface--.

In Column 279, Line 42 (Approx.), please delete "addrgen/ip_ic2/superz10" and insert
therefore, --addrgen/ip_rd2/superz10--.

In Column 280, Line 21, after "topfork)" please insert --,--.

In Column 283, Line 12 (Approx.), please delete "B.2." and insert therefore, --B.12.--.

In Column 283, Line 35, please delete "f rom" and insert therefore, --from--.

In Column 284, Line 34 (Approx.), please delete "B.12." and insert therefore, --B.12.2.--.

In Column 285, Line 67, after "pipeline" please insert --.--.

In Column 286, Line 9 (Approx.), please delete "bwd_1 st_byte" and insert therefore,
--bwd_1st_byte--.

In Column 287, Line 31 (Approx.), please delete "reorderd" and insert therefore,
--reordered--.

In Column 287, Line 35, please delete "TEMPORTAL" and insert therefore,
--TEMPORAL--.

In Column 291, Line 15, please delete "UPI01" and insert therefore, --UPI101--.

In Column 299, Line 55, please delete "form" and insert therefore, --from--.

In Column 300, Line 19, please delete "(x!=max)" and insert therefore, --(ix!=max)--.

In Column 300, Line 23 (Approx.), please delete "presfly" and insert therefore, --presflg--.

In Column 300, Line 59 (Approx.), please delete "!loar" and insert therefore, --!oar--.

In Column 301, Line 11 (Approx.), please delete "Access" and insert therefore, --Address--.

In Column 301, Line 15 (Approx.), please delete "Iso." and insert therefore, --isb:--.

In Column 301, Line 20, please delete "BU_BM_PRES_NUM" and insert therefore,
--BU_BM_PRESS_NUM--.

In Column 304, Line 48, please delete "reentered." and insert therefore, --re-entered.--.

In Column 305, Line 58 (Approx.), please delete "105;" and insert therefore, --204;--.

In Column 305, Line 60, please delete "107;" and insert therefore, --206;--.

In Column 305, Line 63, please delete "223," and insert therefore, --223;--.

In Column 306, Line 1, please delete "107;" and insert therefore, --206;--.

In Column 306, Line 8, please delete "105;" and insert therefore, --204;--.

In Column 306, Line 15, please delete "211," and insert therefore, --211;--.

In Column 307, Line 33 (Approx.), please delete "Resisters" and insert therefore,

--Registers--.

In Column 308, Line 30, please delete "Cod" and insert therefore, --Code--.

In Column 311, Line 59, please delete "block" and insert therefore, --**Block**--.

In Column 312, Line 55, please delete "stream;" and insert therefore, --stream,--.

In Column 312, Line 66 (Approx.), please delete "MS" and insert therefore, --**MB**--.

In Column 313, Line 61, please delete "WADDR-SCRATCH" and insert therefore, --WADDR_SCRATCH--.

In Column 314, Line 14, please delete "**MB:**" and insert therefore, --**HB:**--.

In Column 315, Line 48 (Approx.), please delete "adr" and insert therefore, --addr--.

In Column 317, Line 28, please delete "(" and insert therefore, --( while (VB_CNT_COMP[coap]<DISP_VBS_COMP[comp]--.

In Column 317-318, Line 3, Table C.3.4, please delete "Adddress" and insert therefore, --Address--.

In Column 319, Line 28, after "not)" please insert --.--.

In Column 319, Line 36, please delete "till" and insert therefore, --**will**--.

In Column 320, Line 14 (Approx.), please delete "COMPOHOLD" and insert therefore, --COMP0HOLD--.

In Column 320, Line 21, after "(dramctls)" please insert --.--.

In Column 321, Line 52-56, please delete

"**BUFFER_BASEO=O×OO**

**DISP_COMP_OFFSETO=O×2D**

**DISP_VBS_COMPO=O×22**

**ADDR_HBS_COMPO=O×2C**

**DISP_HBS_COMO=O×2A**" and insert therefore,

--**BUFFER_BASE0=0×00**

**DISP_COMP_OFFSET0=0×2D**

**DISP_VBS_COMP0=0×22**

**ADDR_HBS_COMP0=0×2C**

**DISP_HBS_COM0=0×2A**--.

In Column 322, Line 52 (Approx.), after "writes" please insert --.--.

In Column 322, Line 63, please delete "O×28" and insert therefore, --**0**×28--.

In Column 322, Line 63, please delete "O×29" and insert therefore, --**0**×29--.

In Column 322, Line 63, please delete "O×2A" and insert therefore, --**0**×2A--.

In Column 323, Line 5, please delete "BUFFER_BASEO" and insert therefore, --BUFFER_BASE**0**--.

In Column 324, Line 16, please delete "Unsampling" and insert therefore, --Upsampling--.

In Column 328, Line 41, please delete "x**O**-2" and insert therefore, --x**0**-2--.

In Column 328, Line 41, please delete "y**O**-2" and insert therefore, --y**0**-2--.

In Column 328, Line 56, please delete "(**O**" and insert therefore, --(**0**--.

In Column 329-330, Line 15 (Approx.), please delete "-225.82" and insert therefore, -- -226.82--.

In Column 331, Line 34, please delete "Mode **O**" and insert therefore, --Mode **0**--.

In Column 331, Line 40, please delete "16]," and insert therefore, --16]--.

In Column 331, Line 43 (Approx.), please delete "out data" and insert therefore, --out_data--.

In Column 332, Line 16, please delete "out data" and insert therefore, --out_data--.

In Column 335-336, Line 28, please delete "COFIGURE" and insert therefore, --CONFIGURE--.

In Column 335-336, Line 57, please delete "missng" and insert therefore, --missing--.

In Column 352, Line 12, Claim 28, after "decoder" please insert --;--.